

# Climate Initiatives Task Force

JULY TASK FORCE MEETING



GOVERNOR'S  
OFFICE OF  
COASTAL  
ACTIVITIES

# Agenda

**I. Call to Order**

**II. Roll Call**

**III. Welcome and Opening Remarks**— *Harry Vorhoff, Office of the Governor*

**IV. Louisiana Greenhouse Gas Inventory 2020 Update**—*Dr. David Dismukes, LSU Center for Energy Studies*

**V. Climate Action Plan Process & Structure**— *Charles Sutcliffe, Office of the Governor*

**VI. Discussion on High-Level Priorities & Second Consequence Analysis**— *Lindsay Cooper, Office of the Governor, and Colleen McHugh, The Water Institute of the Gulf*

**VII. Public Comment**

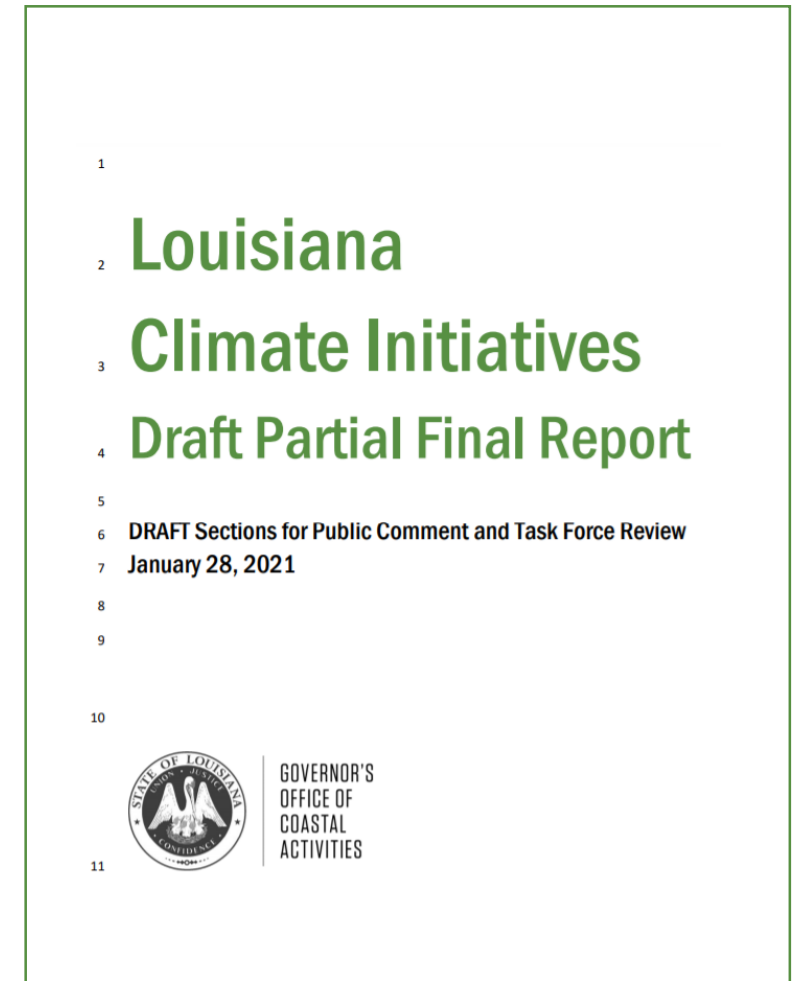
**VIII. Adjourn**

# Climate Action Plan Process & Structure



# Draft Partial Final Report

- I. Climate Initiatives Task Force Membership List
- II. Introduction
- III. Charge of the Task Force
- IV. Need for Action: Climate Risks to Louisiana
- V. Opportunities Posed by Climate Action
- VI. Problem Context (GHG Inventory)
- VII. Planning Process
- VIII. Fundamental Objectives
- IX. Committee and Advisory Group Reports
- X. 2021 Work Plan and Meeting Schedule



# Louisiana Climate Action Plan

## Draft Sections:

- I. Vision
- II. Objectives and Targets
- III. Need for Action
- IV. Planning Process
- V. Problem Context: GHG Emissions Inventory
- VI. Strategies and Actions*
- VII. Consequence Analysis: GHG Emissions Pathway and Co-Benefits
- VIII. Gaps and Future Research Needs
- IX. Implementation Matrix

## Strategies and Actions

- a. Clean Energy Transition
- b. Industrial Decarbonization
- c. Safe and Resilient Energy Infrastructure for Tomorrow's Energy Needs
- d. Transportation, Development, and the Built Environment
- e. Natural and Working Lands and Wetlands
- f. An Inclusive, Low-Carbon Economy
- g. Collaboration and Partnerships to Ensure Successful Implementation

# Public Process

## **Late August:**

- Revised Draft Partial Final Report (Decision Context)
- Action Portfolio DRAFT to public

## **Late September:**

- Collect and report out on feedback from Portfolio and Decision Context

## **November-December:**

- Public comment on Draft Report

# Revised Fundamental Objectives

|   |   |
|---|---|
| Reducing Net Greenhouse Gas (GHG) Emissions                 | <ul style="list-style-type: none"> <li>Minimize <b>net</b> greenhouse gas emissions</li> <li><del>Maximize greenhouse gas capture and sequestration</del></li> </ul>  |
| Improving Quality of Life for Residents and Communities     | <ul style="list-style-type: none"> <li>Maximize quality of, and access to, essential goods, services, and infrastructure for residents</li> <li>Maximize positive public health outcomes and public safety</li> <li>Maximize preservation of cultural heritage</li> </ul>   |
| Creating a More Equitable Society                           | <ul style="list-style-type: none"> <li>Reduce socioeconomic, demographic, and geographic disparities in future opportunities and outcomes</li> <li><b>Maximize reduction and mitigation of institutionalized harms to historically underserved and marginalized people and communities</b> <del>Maximize reduction and mitigation of historic and structural inequities and their impacts for underserved and marginalized communities, including communities of color and indigenous peoples</del></li> <li>Maximize engagement with and participation of communities in decision-making and implementation</li> </ul> |
| Managing for Short- and Long-Term Success                   | <ul style="list-style-type: none"> <li>Maximize confidence of the public and stakeholders in the outcome of emissions-reduction strategies to increase support for their implementation</li> <li>Maximize the efficiency and effectiveness of emissions-reduction strategies</li> <li>Maximize timely implementation of emissions-reduction strategies</li> <li>Maximize the durability of emissions-reduction strategies in an uncertain future</li> </ul>   |
| Strengthening the Economy and Workforce                     | <ul style="list-style-type: none"> <li><b>Maximize employment, economic opportunity, and support for Louisiana workers</b> <del>Maximize job creation and support for Louisiana workers</del></li> <li>Maximize economic growth</li> </ul>  |
| Conserving Natural Resources and Protecting the Environment | <ul style="list-style-type: none"> <li>Maximize preservation of natural resources and ecosystem services</li> <li>Maximize environmental stewardship and support of healthy ecosystems</li> </ul>   |
| Adapting to a Changing Climate                              | <ul style="list-style-type: none"> <li>Increase resilience of the built and natural environment to climate change</li> <li>Increase the resilience of communities to climate change</li> </ul>  |

# Reducing Net Greenhouse Gas (GHG) Emissions

- Minimize **net** greenhouse gas emissions
- ~~Maximize greenhouse gas capture and sequestration~~



# Creating a More Equitable Society

- Reduce socioeconomic, demographic, and geographic disparities in future opportunities and outcomes
- Maximize reduction and mitigation of institutionalized harms to historically underserved and marginalized people and communities ~~Maximize reduction and mitigation of historic and structural inequities and their impacts for underserved and marginalized communities, including communities of color and indigenous peoples~~
- Maximize engagement with and participation of communities in decision-making and implementation

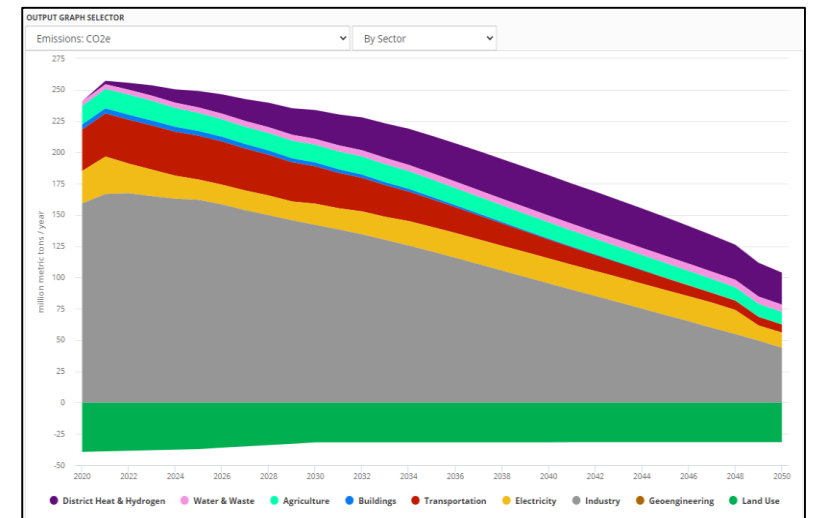
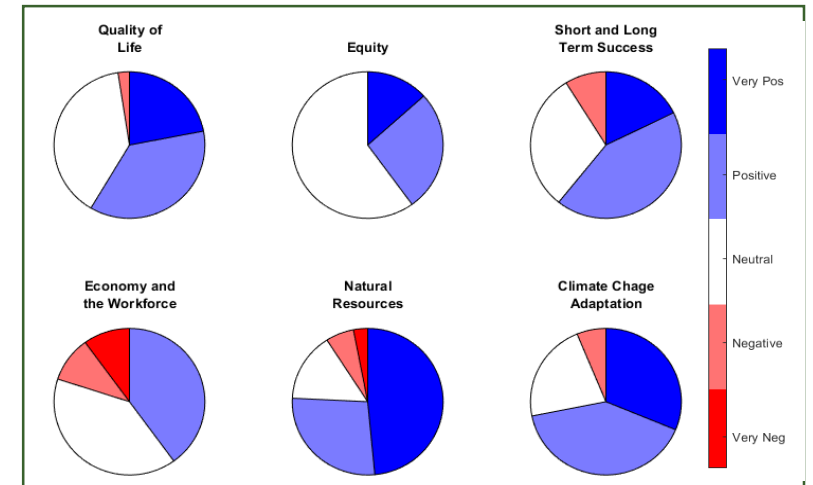
# Strengthening the Economy and Workforce

- Maximize employment, economic opportunity, and support for Louisiana workers ~~Maximize job creation and support for Louisiana workers~~
- Maximize economic growth

# High-Level Priorities

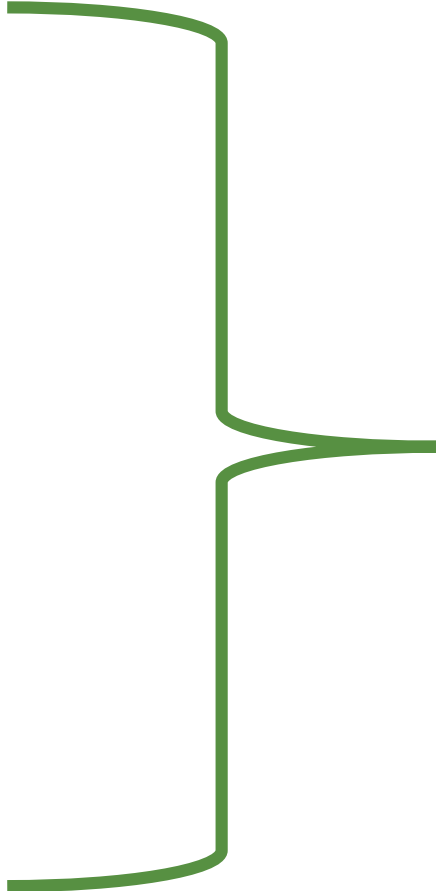
# Revisiting Key Takeaways: First Round Consequence Analysis (JUNE)

- We must take action
- No single strategy is the solution
- Many strategies from various portfolios are needed to meet our emission reduction targets
- Strategies require intentional action to ensure co-benefits and positive outcomes for our fundamental objectives and all people
- Further analysis on many strategies must be done to reduce uncertainty and promote confidence associated with outcomes

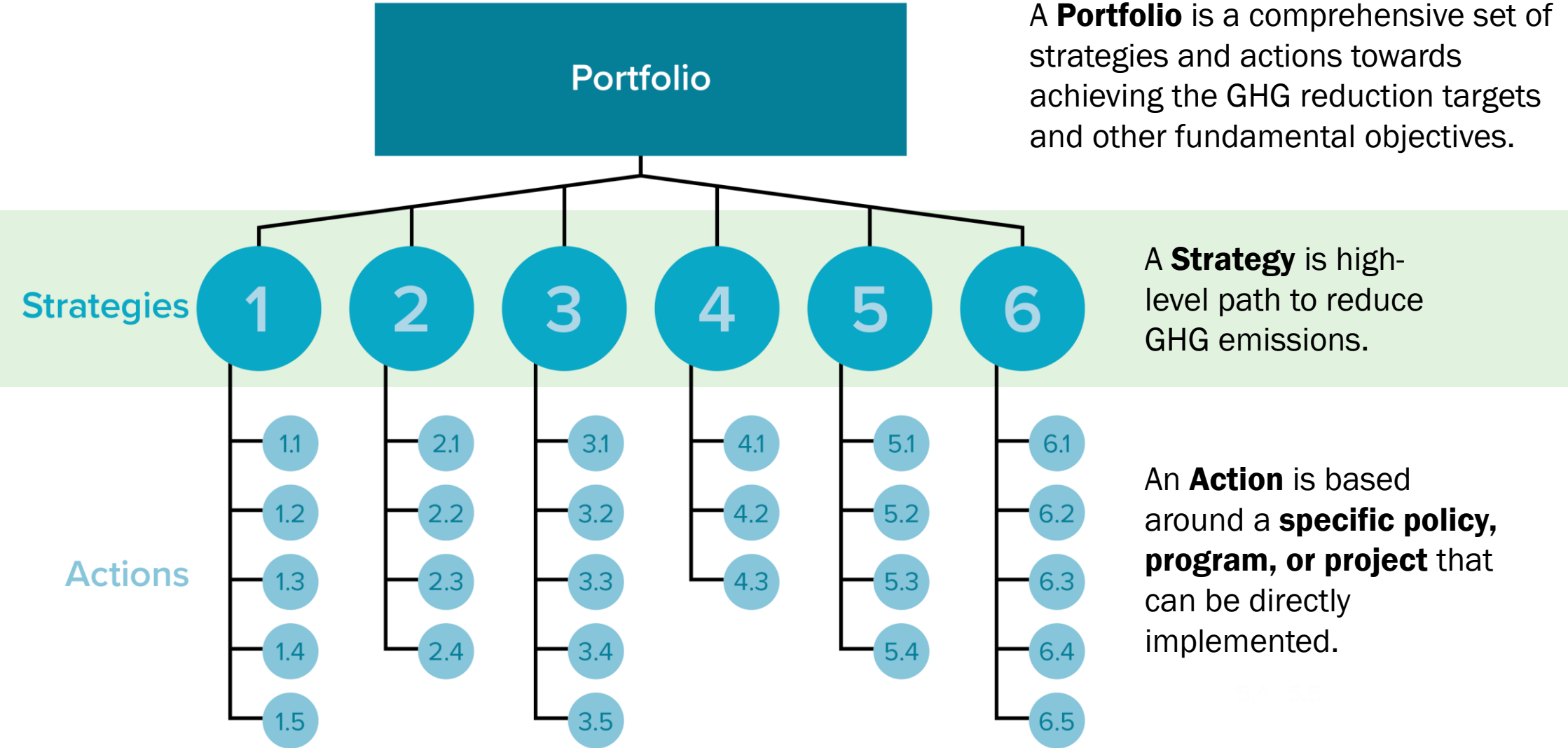


# Staff Process Since June to Refine Strategies and Actions

- ✓ **Public Call for Action Proposals**
- ✓ **Sector Committee meeting notes and discussions on Actions**
- ✓ **Consequence Analysis results and feedback**
- ✓ **CTF discussion and takeaways from the Consequence Analysis**
- ✓ **Best Practices to synthesize, organize, combine, and gap fill**
- ✓ **Direction from the Governor**

- 
- **Outline first draft of the portfolio of strategies and actions for CTF feedback**
  - **Action Portfolio for second round consequence analysis**
  - **Iterative process to refine, improve, and detail Actions**

# High Level Vision and Practical Action



# High-Level Vision: Strategies

- I. Clean Energy Transition
- II. Industrial Decarbonization
- III. Safe and Resilient Energy Infrastructure for Tomorrow's Energy Needs
- IV. Transportation, Development, and the Built Environment
- V. Natural and Working Lands and Wetlands
- VI. An Inclusive, Low-Carbon Economy
- VII. Collaboration and Partnerships to Ensure Successful Implementation

# **I. Clean Energy Transition**

- a. Shift towards a clean and renewable power grid**
- b. Increase the availability and utilization of renewable-powered electricity among end-users**

# **II. Industrial Decarbonization**

- a. Improve efficiencies in industrial processes and facilities**
- b. Accelerate electrification, fuel switching, and other alternative fuels usage**
- c. Deploy CCS for the hardest-to-abate industrial emissions**
- d. Reduce waste and promote reduced-carbon materials**
- e. Monitor, inventory, certify, and support industrial decarbonization**



### III. Safe and Resilient Energy Infrastructure for Tomorrow's Energy Needs

- a. Engage in strategic long-term planning for energy infrastructure that is resilient and reliably meets Louisiana's growing need for clean energy
- b. Equitably advance permitting for new infrastructure
- c. Actively manage legacy infrastructure
- d. Improve monitoring of methane and other GHGs to more accurately and efficiently detect and repair leaks

### IV. Transportation, Development, and the Built Environment

- a. Increase adoption and accessibility of clean fuels and vehicles
- b. Support reduced trips and efficiencies across modes of transportation
- c. Link land use and transportation planning for compact development patterns and increased public transit access
- d. Improve the efficiency and resilience of homes and buildings

## V. Natural and Working Lands and Wetlands

- a. **Preserve and expand natural and managed lands and wetlands to maximize climate mitigation and adaptation goals**
- b. **Support the management and conservation of working agricultural and forestry lands**

## VI. Inclusive Low-Carbon Economy

- a. **Strengthen clean energy education as a critical component of Louisiana's energy transition**
- b. **Prioritize the growth of local jobs and economic development for a low-carbon economy**
- c. **Build a more just and resilient future for all Louisiana residents**

# VII. Collaboration and Partnerships to Ensure Successful Implementation

- a. **Ensure Louisiana is prepared to maximize potential federal funding opportunities**
- b. **Position Louisiana as a climate leader through engaging in national and regional dialogues and planning**
- c. **Call to action across state agencies**
- d. **Call to action with local governments**
- e. **Call to action for private sector and regulated utilities**
- f. **Improved engagement with all communities and state and federal tribes**

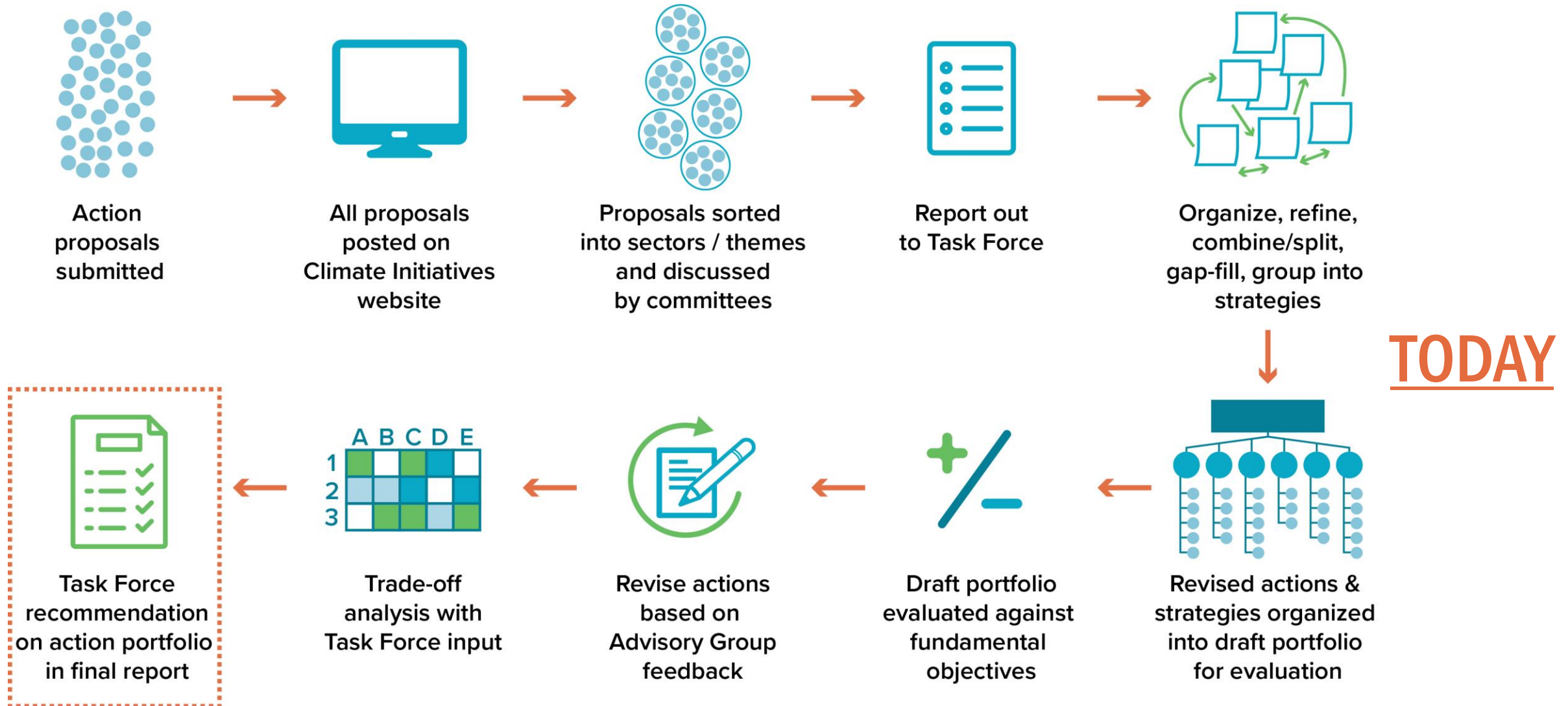
# Task Force Discussion

How well do these strategies reflect our high-level priorities based on past discussions and analysis to date?

Are big components missing or misrepresented?

*\* Now through August 18: CTF provide comments on actions, working through titles and high-level details before Second Consequence Analysis.*

# Where we are in the process of action development



# Action Details to Work Towards in Plan

**Title:** short and descriptive, using action verb

**Description:** One to two paragraph overview of the specific policy, program, or project; why it is important; how it addresses GHG emissions; the nuts and bolts of how it will be implemented; and how we will know if it is successful.

**Maximizing our objectives:** One paragraph describing the co-benefits of this action to the 18 fundamental objectives (icons for each objective benefitted) and how to ensure positive outcomes across objectives in implementation (mitigating negative consequences and maximizing co-benefits). Include how to address equity in implementation.

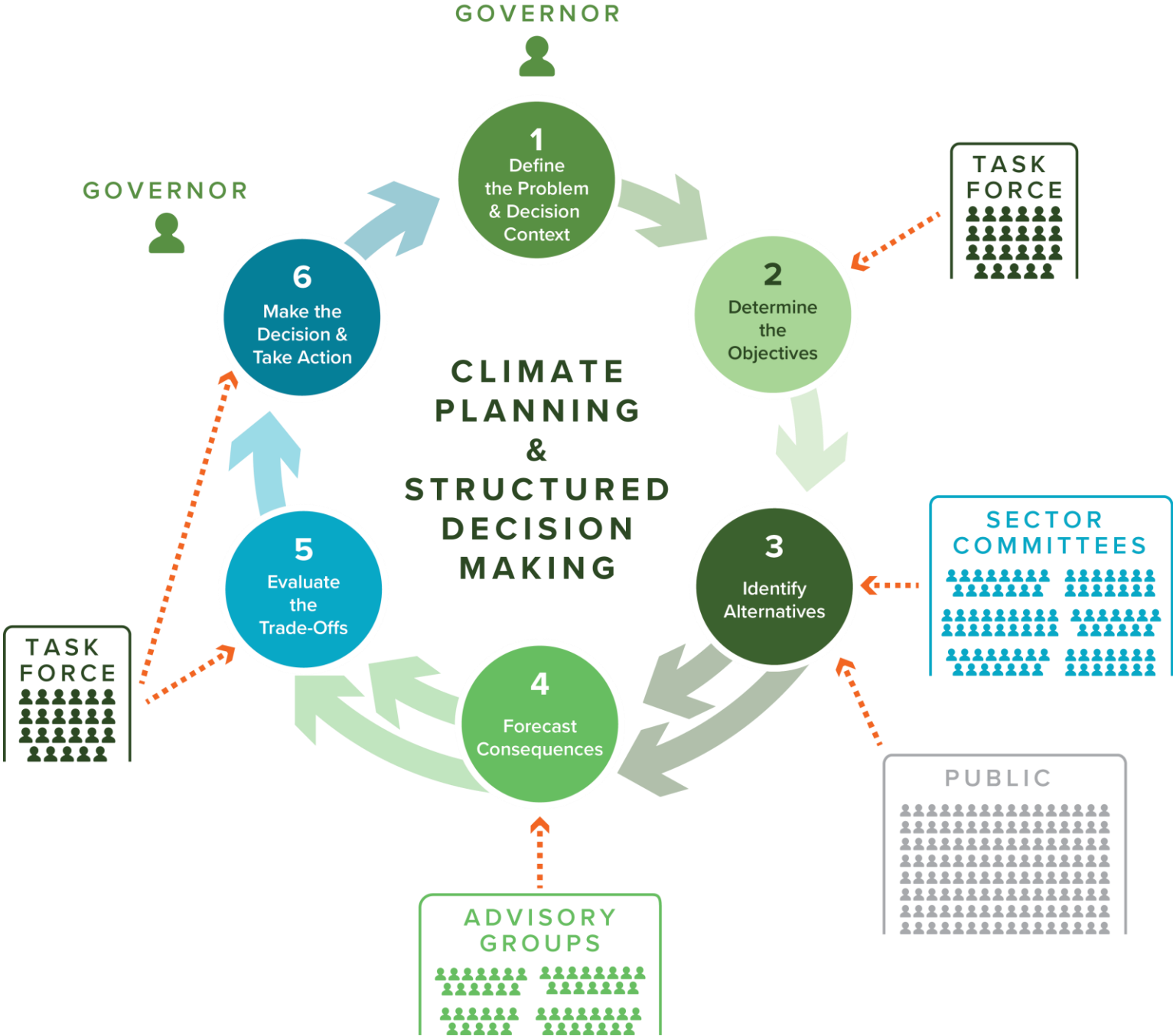
**Lead and Partners:** what entity will lead adoption and implementation of this action, who are the key collaborators across public, private, non-profit sectors

**Timeframe:** Short- (0-5 yr), Medium- (5-10 yr), or Long-Term (10-30 yr)

# Second Consequence Analysis



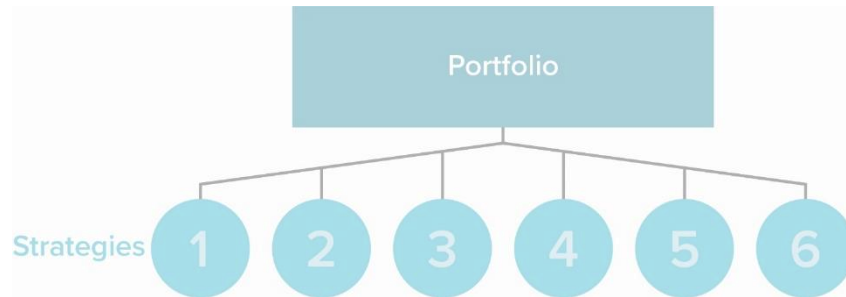
# Two Rounds of Analyses





# Advisory Groups are doing **two rounds** of consequence analysis:

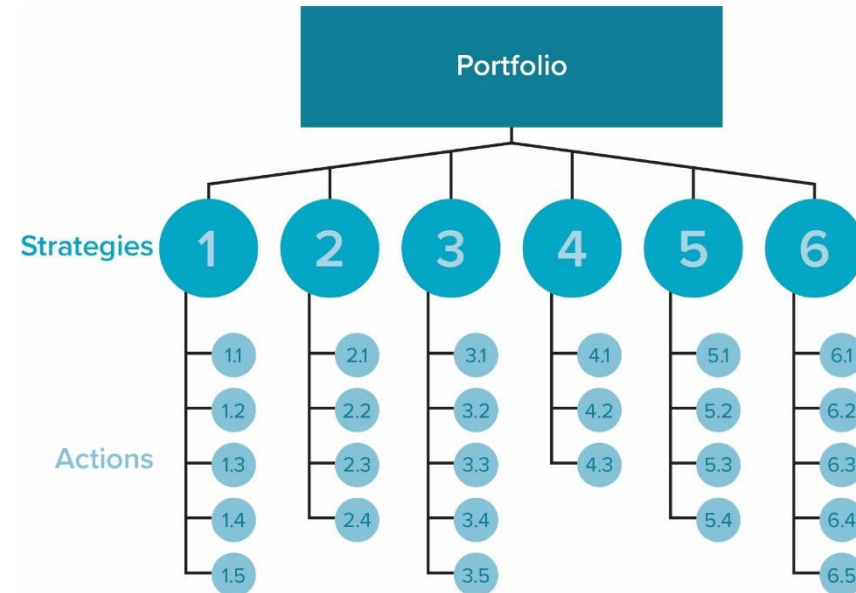
## Round 1: Complete



## Strategy Portfolios

In the first round, we intentionally framed **extreme hypothetical portfolios of strategies** to forecast consequences to our fundamental objectives.

## Round 2: Aug-Sept



## Action Portfolio

This second round will analyze consequences of our **best first pass of the draft portfolio of strategies and actions** that will be included in the plan.

# Goals of Second Consequence Analysis

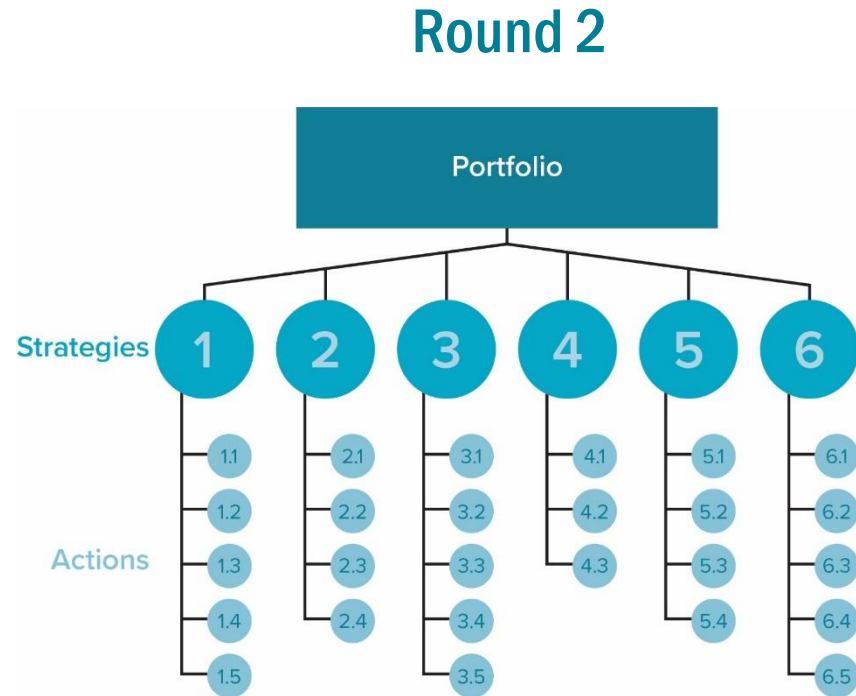
- Understand the impacts of the draft portfolio as a whole.
- Help us refine and improve the overall portfolio of strategies and actions in the plan.
- Inform how we flesh out the details of actions and how to implement them in a way that maximizes co-benefits across our fundamental objectives.
- Understand where we will need additional focus in the years to come.

*\* Developing the strategies and actions for the final plan is an **iterative and collaborative process***

# Fundamental Objectives: What we are evaluating against

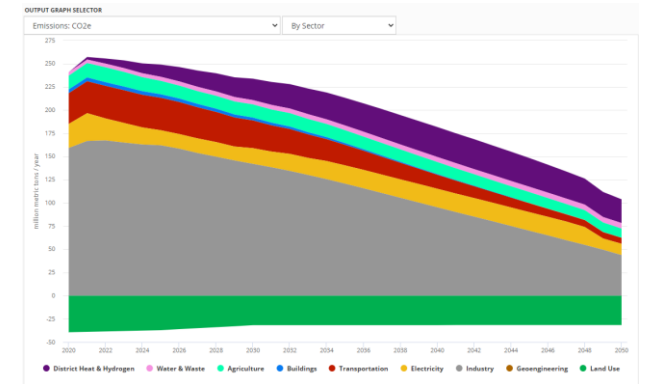
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# Consequence Analysis Components



**DRAFT Strategy & Action Portfolio**

## 1) GHG Emission Reduction Objectives



## 2) Societal, Economic, and Other Objectives

Impact on Objective 1:

- Very Positive
- Positive
- Neutral
- Negative
- Very Negative

Considerations:

# Survey for Eliciting Advisory Group Input

- Similar structure to first round survey
- This time Advisory members will evaluate the consequences of the entire draft action portfolio and will also have the **option of selecting specific strategies or actions for more detailed review** of impacts on the fundamental objectives.

Impact on Objective 1:

- Very Positive
- Positive
- Neutral
- Negative
- Very Negative

Considerations:

# Timeline of Second Consequence Analysis

- Finalize FIRST DRAFT portfolio of strategies and actions: **August 18**
  - What we presented today is a work in progress – GOCA will work with your input over the coming weeks to improve and clarify this outline (particularly on the details of actions) before sending to Advisory Group members for their evaluation
- Send surveys for Advisory Group input on portfolio: **Week of August 23**
  - Advisory Groups meeting that week to go over survey process
  - **Public draft** of portfolio outline will also be shared for public comment this week
- Advisory Group survey responses due: **Week of September 13**
- GHG Analysis using EPS tool and supporting research: **Aug-Sept**
- Present findings to Task Force – **Early October**
- Refine strategies and actions based on outcomes of Consequence Analysis: **Sept-Nov**

# Needed Direction from the Task Force

- **Where do you need more information?**
  - What strategies or actions have the most uncertainty in terms of GHG emission reduction and/or impacts to other fundamental objectives?
  - Where do you have concerns?
  - Where do you see strong potential for co-benefits?
  - Where do we need to focus our attention so that we work towards strong ideas?

# DRAFT Strategy & Action Outline

- I. Clean Energy Transition
- II. Industrial Decarbonization
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# Potential Areas for Focused Review by Advisory Groups

- **Increase the availability and utilization of renewable-powered electricity among end users.**
- **Deploy CCS for the hardest-to-abate industrial emissions**
- **Equitably advance permitting for new infrastructure**
- **Prioritize the growth of local jobs and economic development for a low-carbon economy**
- **Build a more just and resilient future for all Louisiana residents**

# Discussion

# Meeting Timeline (REVISED)



# Public Comment